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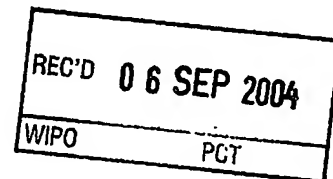
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in connection with Application No. 2004902635 for a patent by BRYAN JAMES
LARKIN as filed on 19 May 2004.

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Eleventh day of August 2004

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AEROSOL SPRAY CAN WITH INTERNAL CATALYST BAG AND MAGNET DRIVE FOR MIXING

TECHNICAL FIELD

THIS INVENTION RELATES TO THE FIELD OF AEROSOL SPRAY CANS

BACKGROUND ART

IT IS RECOGNISED THAT AEROSOL INGREDIENTS NEED A LOT OF MIXING TO OPERATE PROPERLY AND FLOW SMOOTHLY WITHOUT BLOCKING THE NOZZLE UP. AS WELL THERE ARE NO AEROSOLS THAT CAN SPRAY TWO PACK PAINTS AND OTHER COATINGS THAT REQUIRE A TWO PART MIXTURE.

DISCLOSURE OF INVENTION

THIS INVENTION IN ONE ASPECT RESIDES IN AN AEROSOL SPRAY CAN THAT HAS A PELLET INSIDE THE CAN AND THIS PELLET HAS AN INTERNAL MAGNET MOULDED INSIDE IT. THERE IS A BASE UNIT WHICH HAS A FLYWHEEL THAT CONTAINS DRIVE MAGNETS. THIS FLYWHEEL IS CONNECTED TO A DC MOTOR AND IS OPERATED WHEN THE CAN IS PLACED INTO THE BASE UNIT AND A SWITCH TURNS THE MOTOR ON WHICH SPINS THE FLYWHEEL. THE FLYWHEEL SPINS THE DRIVE MAGNETS AROUND AND MAKES THE MAGNETIC PELLET SPIN AROUND IN THE CAN MIXING THE INGREDIENTS. BEFORE THE CAN IS PLACED INTO THE BASE UNIT THE USER TURNS A SHAFT WHICH IS CONNECTED TO A COMPRESSION PLATE INSIDE THE CAN UNDER WHICH THERE IS A CATALYST BAG. ONCE THE SHAFT IS WOUND DOWN IT SQUASHES THE CATALYST BAG RELEASING THE INGREDIENTS INTO THE CAN. THEN THE CATALYST IS MIXED WITH THE PAINT.

BRIEF DESCRIPTION OF DRAWINGS

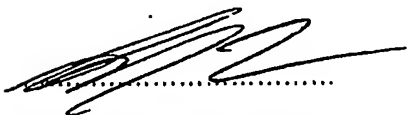
IN ORDER THAT THIS INVENTION MAY BE MORE EASILY UNDERSTOOD AND PUT INTO PRACTICAL EFFECT REFERENCE WILL BE MADE TO THE DRAWING ACCOMPANYING THIS DOCUMENT WHICH SHOW THE PREFERRED EMBODIMENT OF THE INVENTION, WHEREIN THE FIGURE SHOW A SPRAY CAN HAVING A CATALYST BAG AND A COMPRESSION MECHANISM USED TO CRUSH THE BAG MIXING IT WITH THE OTHER INGREDIENTS IN THE CAN. THERE IS ALSO A PELLET WITH A MAGNET MOULDED INTO IT. THERE IS A BASE UNIT WHICH HAS A MOTOR CONNECTED TO A FLYWHEEL WHICH CONTAINS MAGNETS. ONCE THE CAN IS PUT INTO THE BASE UNIT A SWITCH TURNS ON THE MOTOR WHICH MAKES THE MAGNETIC DRIVE SYSTEM MIX THE INGREDIENTS IN THE CAN.

BEST MODE

IT WILL OF COURSE BE REALISED THAT WHILST THE ABOVE HAS BEEN GIVEN BY WAY OF AN ILLUSTRATIVE EXAMPLE OF THIS INVENTION, ALL SUCH OTHER CHANGES OR MODIFICATIONS AND VARIATIONS HERETO, AS WOULD BE APPARENT TO PERSONS SKILLED IN THE ART, ARE DEEMED TO FALL WITHIN THE BROAD SCOPE AND AMBIT OF THIS INVENTION IS HEREIN SET FORTH.

DATED THIS 19TH DAY OF MAY 2004

BY



BRYAN JAMES LARKIN

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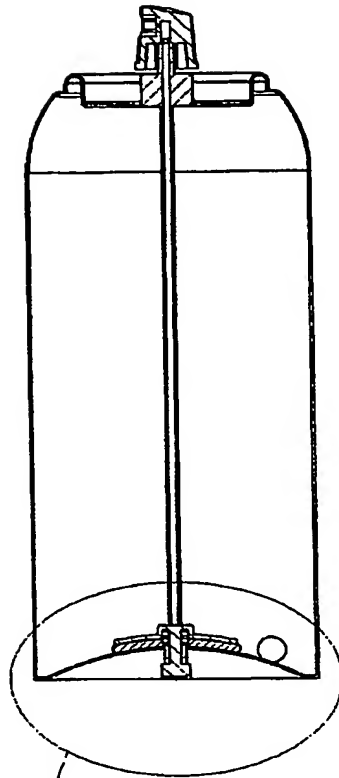


FIG-1-

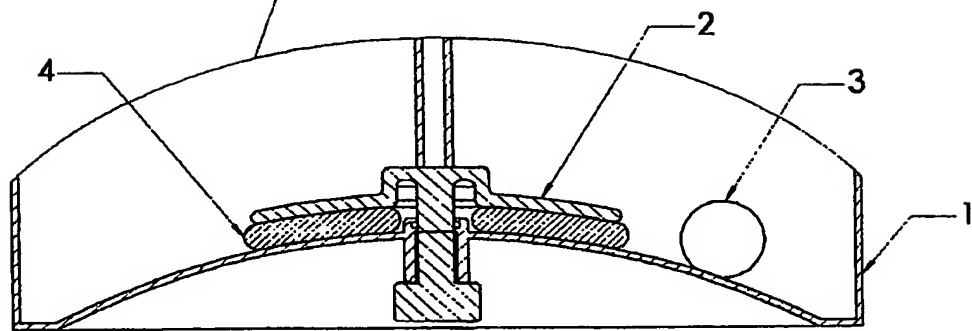


FIG-1a-

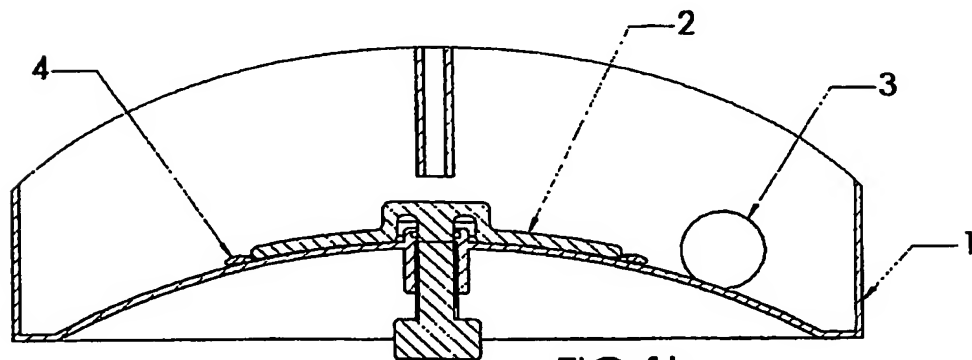
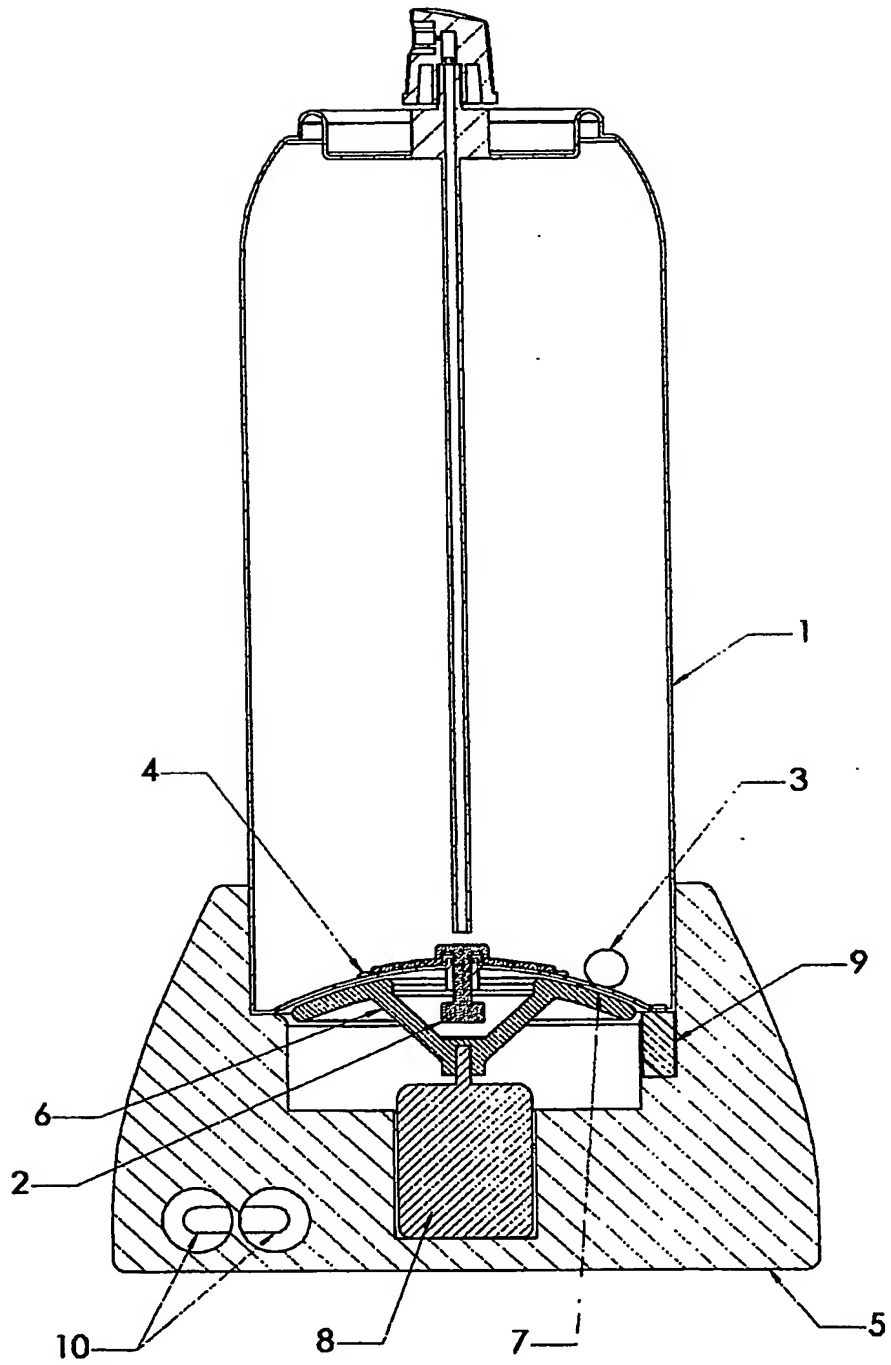


FIG-1b-

FIG-2-



- 1 - AEROSOL CAN
- 2 - COMPRESSION KNOB
- 3 - DRIVEN MAGNET (MIXER)
- 4 - CATALYST BAG
- 5 - BASE
- 6 - FLYWHEEL
- 7 - DRIVE MAGNETS
- 8 - MOTOR
- 9 - SWITCH
- 10 - BATTERIES

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